NI - 4

		Test No	tes			
Test Procedure/Task: Rev: Issue Title:	:	DWP#:	WO #:			Test Date/Time: 03/31/09
Site/Program: CCAFS/Delta II	Loca	ation: Pad 17B	Missio	n: Kepler	E	Effectivity:
Creator: Tournade, Mike Phone: 321-853-1901		Work Group: Operations		Shift: 1	Note Crea	ted: 03/31/09 1454 ated:
Title of Test: Pad Opera	ations	5				
		Description	of Test			
Completed Megger che Completed FS Prop Ca Active with SS Pneu S BPF - STSS DEMO Completed FS Destruc	ig, Adecks (ils & (ys Va it Sys	ctive with Securing, F90-T3 & Potting connectors on PU-1, Quals, F84-t1 Ilidation, F84-T2				
A57 - STSS SRM Active with thermal Ba Completed Eng. W/D Active with Nozzle RT\				·		
CCN: Hours:						
		Test No	tes			
Test Procedure/Task: Rev: Issue Title: F84 Task 1/2 Relie		DWP #: ve Functionals	WO #:			Test Date/Time: 03/31/09
Site/Program: CCAFS/Delta II	Loc	ation: Pad 17B	Missio	n: Non-Fligh	nt I	Effectivity:
Creator: Sauter, John Phone: 321-476-3123		Work Group: Engineering Pro	pulsion	Shift: 1	Note Crea	ated: 03/31/09 1524 ated:
Title of Test: F84 Task	1/2 R	elief Valve Functionals				
		Description	of Test			
In Task 2, item 18-0 rei	mains	functional tests in Pneumatics I s open until Fuel Press Control P3021), then PVP relief valve ch	Solenoid V	alve is insta	lled on FU1	press/vent
CCN: Hours:						
		Attachme	ents			

Test Procedure/Task: LPD						Test Date/Time:	
Rev: 66 Issue:		_	VO #:			03/31/09 1600	
Title: Second Stage PTS						<u> </u>	
Site/Program: CCAFS/Delta II	Location: Pad 17B		Mission: I	Kepler		fectivity:	
Creator: Seaman, Stephe l Phone: 321-476-3117	n Work Group: En	ngineering Propuls	ion	Shift: 1	Note Create Note Updat	ed: 03/31/09 1602 ed:	
Title of Test: Pad B 2nd	Stage PTS System Pu	urge				,	
		Description of Te	st				
The heated GN2 purges Securing work will conf removal.	tinue in the morning.	dizer systems are c The scrubbers hav	omplete /e been d	and the se lisconnect	ecuring items ed and are r	s are in work. eady for	
Excellent support by th	e crew!						
CCN: WDK2MSEL-0 Hours: 8				<u> </u>			
		Test Notes					
Test Procedure/Task: Rev: Issue Title:	: DWP #:	,	WO #:			Test Date/Time 03/31/09	
Site/Program: CCAFS/Delta II	Location: Pad 17B		Mission:	STSS	E	ffectivity:	
Creator: Mion, Gordon Phone: 321-476-3164	Work Group: E	ngineering Electric	al	Shift: 1	Note Creat	ed: 03/31/09 1614 ted:	
Title of Test: 17B 1D769	960-1 PU1 UMB C/A B	ENT PINS					
		Description of Te	est				
STSS F81T1 HWA DCI	1 (PU1 u\UMB CONN	BENT PINS (POST	KEPLER	LAUNCH)	•		
- MEGGAR CHECKS CO - PU1 CONN POTTING							
REMAINING WORK: -FINISH F81T1 DCI 1 (c/a preps) -INSTALL SPARE PU1 C/A on 17B FUT - WHEN F84 IS FINALLY FINISHED, COMPLETE F81T1 PREPS (T-ROOM, LAUNCH DECK, FUT-12) - CONTINUE WITH F81 TESTING							
CCN: Hours:							
		Attachments					
1							

Test Procedure/Task: LPD-F04	14-T01				Test Date/Time:		
Rev: 71 Issue:	DWP #:	WO #:		03/31/09			
Title:							
Site/Program: Loc CCAFS/Delta II	ation: Area 55	Mission	STSS		Effectivity:		
Creator: Summers, Gary Phone: 321-476-3147	Work Group: Engineering Mech	anical	Shift: 1	ated: 03/31/09 1546 ated:			
Title of Test: Ordnance Com	ponent Checkout						
	Description of	Test					
Completed Functional Testing of the Boattail Cartridges, Detonators and Bi-Level Cartridges for F100T2 Completed the Functional Testing of the 1/2 Separation Cartridges for F22T1. EEDAT Cases (3) and spare ordnance(KEPLER removed per F90T4), returned to the Bunker. EEDAT Console and area secured from Hazard Operatons. No Hardware Issues Performed preps at MRTB (FSA-2) for delivery of the Shaped Charges (4) for F100T1 They will be delivered w/ EEDAT Case S/N 0003 to the BPF Wednesday to support the task. Again good job by the crew and support folks CCN: Hours:							
	Test Note	S					
Test Procedure/Task: Rev: Issue: Title:	DWP #:	WO #:			Test Date/Time: 03/31/09		
Site/Program: Loc CCAFS/Delta II	ation: Area 55	Mission:	STSS_BLO	OCK_201	Effectivity:		
Creator: Kirk, Paul Phone: 321-853-5274	Work Group: Tech Services Gro	up	Shift: 1	Note Crea	ated: 03/31/09 1549 ated:		
Title of Test: 1st. shift HPTF	& Ordnance C. O. Area 55						
	Description of	Test					
	stems low pressure leak check co	mplete.					
High press. in the r	morning.						
High press. in the r CCN: Hours:	morning.						

Test Procedure/Task: LPD-F121 T1 Rev: 114			Test Notes				
CCAFS/Delta II Creator: Lotspeich, Robert Phone: 321-476-3118 Title of Test: SS PREVOS CHECKOUT Description of Test Completed the following: - TCVPV response test - Shutoff valve sequence run - Nitrogen system initial press'n RLE & bubble soap leak checks Settling valve functional and internal leak checks Fill check valve reverse internal leak checks Relief valve qualifications - Helium system initial press'n RLE & bubble soap leak checks Settling valve functional and internal leak checks Fill check valve reverse internal leak checks Settling valve functional and internal leak checks Fill check valve reverse internal leak checks FTSV / OTSV internal leak checks High pressure spheres and low pressure tanks tomorrow No anomalies! CCN: WDK2GSEA-0	Rev: 114 Issue:	3 DWP#:		WO #:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Phone: 321-476-3118 Title of Test: SS PREVOS CHECKOUT Description of Test Completed the following: - TCVPV response test - Shutoff valve preliminary keaj check - Shutoff valve sequence run - Nitrogen system initial press'n RLE & bubble soap leak checks Settling valve functional and internal leak checks Fill check valve reverse internal leak checks Relief valve qualifications - Helium system initial press'n RLE & bubble soap leak checks Settling valve functional and internal leak checks Fill check valve reverse internal leak checks FISV / OTSV internal leak checks High pressure spheres and low pressure tanks tomorrow No anomalies!	1 -	Location: Area 55		Mission:	STSS		Effectivity:
Description of Test Completed the following: - TCVPV response test - Shutoff valve preliminary keaj check - Shutoff valve sequence run - Nitrogen system initial press'n RLE & bubble soap leak checks Settling valve functional and internal leak checks Fill check valve reverse internal leak checks Relief valve qualifications - Helium system initial press'n RLE & bubble soap leak checks Settling valve functional and internal leak checks Fill check valve reverse internal leak checks Fill check valve reverse internal leak checks FISV / OTSV internal leak checks High pressure spheres and low pressure tanks tomorrow No anomalies! CCN: WDK2GSEA-0	•	rt Work Group:	Engineering Propul	sion	Shift: 1	I .	
Completed the following: - TCVPV response test - Shutoff valve preliminary keaj check - Shutoff valve sequence run - Nitrogen system initial press'n RLE & bubble soap leak checks Settling valve functional and internal leak checks Fill check valve reverse internal leak checks Relief valve qualifications - Helium system initial press'n RLE & bubble soap leak checks Settling valve functional and internal leak checks Fill check valve reverse internal leak checks FISV / OTSV internal leak checks High pressure spheres and low pressure tanks tomorrow No anomalies! CCN: WDK2GSEA-0	Title of Test: SS PREVO	S CHECKOUT					
- TCVPV response test - Shutoff valve preliminary keaj check - Shutoff valve sequence run - Nitrogen system initial press'n RLE & bubble soap leak checks Settling valve functional and internal leak checks Fill check valve reverse internal leak checks Relief valve qualifications - Helium system initial press'n RLE & bubble soap leak checks Settling valve functional and internal leak checks Fill check valve reverse internal leak checks Fill check valve reverse internal leak checks FTSV / OTSV internal leak checks High pressure spheres and low pressure tanks tomorrow No anomalies! CCN: WDK2GSEA-0	100		Description of T	est			
- Shutoff valve preliminary keaj check - Shutoff valve sequence run - Nitrogen system initial press'n RLE & bubble soap leak checks Settling valve functional and internal leak checks Fill check valve reverse internal leak checks Relief valve qualifications - Helium system initial press'n RLE & bubble soap leak checks Settling valve functional and internal leak checks Fill check valve reverse internal leak checks Fill check valve reverse internal leak checks FTSV / OTSV internal leak checks High pressure spheres and low pressure tanks tomorrow No anomalies! CCN: WDK2GSEA-0	Completed the following	g:					
	- Shutoff valve sequence - Nitrogen system initial RLE & bubble soap le Settling valve function Fill check valve reverselief valve qualificated and the soap le Settling valve function Fill check valve reversell check val	ce run I press'n eak checks nal and internal lea se internal leak che ions press'n eak checks nal and internal lea se internal leak che leak checks	ecks ak checks ecks				

Test Procedure/Task: LPI Rev: R73 Issue Title: Ordnance System	: 1 DWP #:		WO #:	Test Date/Time: 03/31/09			
Site/Program: CCAFS/Delta II	Location: Area 57	Solid Motors	Mission: STSS	Effectivity:			
Creator: Tuttle, Jeffry Phone: 321-730-2073	Work Group:	Engineering Mecha	nical Shift: 1	Note Created: 03/31/09 1503 Note Updated:			
Title of Test: Solid Moto	or Processing						
		Description of T	est				
Successfully completed the engineering walkdown of the STSS-DEMO flight set. Remain activie with thermal barrier applications. Closed the raceway blankets and initiated the tunnel cover layouts. ATK remains active on the nozzle cork potting RTV effort.							
Good progress today.							
CCN: Hours:							
		Attachments					

Test Pro	cedure/Task: LPD)-F10	0 T1						Test Date/Ti	ime:
Rev:	Issue		DWP #:		WO #:				03/31/09	
Title:				,						
Site/Pro		Loca	tion: Booster	Processing	Mission:	STSS		Effe	ectivity:	
CCAFS/	Delta II		Facility							
Creator:	Galbreath, Mike		Work Group:	Engineering Mecha	nical	Shift: 1	Note Cre	ated	1: 03/31/09 1	509
Phone:	321-476-3146						Note Upo	dated	d:	
Title of 7	Test: F100 PRE-	ORDI	NANCE PREP	S COMPLETE						
				Description of T	est					
- BOO	STER PREPS CO	MPL	TE FOR ORD	NANCE INSTALLAT	ION TO B	E STARTE	D TOMOR	ROV	V	
- INER	T LPI'S INSTALL	ED, S	LACK ADJUS	TED AND SLACK MI	EASUREN	MENT MEE	TS B/P			
CCN:	WDK2GSEL-0									
Hours:	8									
				Attachments						

Test Procedure/ Rev: Title:	Task: Issue:	DWP #:		WO #:				est Date/ 3/31/09	Time:
Site/Program: VAFB/Delta II		Location: Launch	Pad (SLC2)	Mission:	STSS_BL 0	.OCK_201	Effectiv	ity:	
Creator: Hanawa Phone: 805-606		•	Tech Services Grou	ıb	Shift: 2	Note Cre Note Up		31/09	0040
Title of Test: S	LC-2 TSG	SECOND SHIFT							

Description of Test

DELTA SHOPS & LABS:

END OF SHIFT FACILITY CHECKS --- COMPLETE

MAINTENANCE SUPPORT & 71 WORK ORDERS — ACTIVE

- STSS ATRR -

V18 TASK 1: FIRST STAGE PROP QUALS. ROS UNTIL 5:20 pm. TASK IS COMPLETE THROUGH ITEM 9. SEE ENGINEERING TEST NOTES (SILVERI / McCARTY).

V19 TASK 1: T/S RED ALARM ON HYDRAULIC RETURN PRESSURE (DCI 005) — TROUBLESHOOTING / TESTING IS NOT COMPLETE AND WILL CONTINUE TUESDAY. SECURED AREA AND PUT UP CAUTION SIGNS TO NOT DISTURB TEST SETUP. SEE ENGINEERING TEST NOTES (GALINDO / McCARTY).

1D88964-503: REMOVE FIRST STAGE E-PACKAGE — TASK WAS NOT WORKED (SEE V19 T1 DCI 005).

V23 TASK 4: SOLID MOTOR FINALING AND INSULATING — ACTIVE DOING PREPS / FAB FOR AFT FAIRINGS. STARTED PREPS FOR BATHTUB INSULATION.

V25 TASK 1 SOLID MOTOR FAIRING INSTALLATION AFT — ACTIVE

Test Notes

	sue: 1	DWP #: 124137	WO #:			Test Date/Time: 03/30/09 0700
Title: First and Secon	nd Stage	e Hydraulic Sys Quals				i
Site/Program: VAFB/Delta II	Loca	ation: Launch Pad (SLC2)	Mission	n: STSS_BL 0	-OCK_201 E	Effectivity:
Creator: Galindo-Jr, Pedro Phone: 805-606-6340 x6239/2 Work Group: Engineering Ele			ctrical	Shift: 1	1	ted: 03/31/09 1123
Title of Test: V19 T1	Second	Stage Testing		-, .	•	
		Description	of Test			

Completed all second stage testing per V19 T1.

Encountered the following anomalies:

Unexpected Alarms-yellow V019 T1 R:79 I:1 DCI 008 DCI - Hdwe Anom

Parameters V2OX_FLW_RATE and V2FL_FLW_RATE are very noisy.

Continued troubleshooting first stage E-PKG per V019 T1 R:79 I:1 DCI 005. Will continue troubleshooting on 03/31/2009. Left three breakout boxes connected in the first stage center section (MST level 1).

CCN	:
Hour	S

Test Procedure/	Task: LPD-V018	T1		Test Date/Time:						
Rev: 38	Issue: 1	DWP #: 124116	WO #:	03/31/09 0700						
Title: Propellar	Title: Propellant and Pneumatic Leak and Functional Checks									

Site/Program: Location: Launch Pad (SLC2) Mission: STSS_BLOCK_201 Effectivity: 0

Creator: McCarty, Mike Work Group: Operations Shift: 1 Note Started: 03/31/09 1158
Phone: 805-606-6340 x2318/6

Title of Test: TC Notes: V18T1 FS

THE C	1 165t. IV	C Notes: V18T1 FS
		Description of Test
Time	H/A	Description
0700		Pretest briefing in work. ALCS turn on complete
0830		Complete thru item 13 Prop Vehicle measurement
0912		Pneumatic system preps complete
0914		ACS command enable checks in work - item 22
0932	2	Step 12-8 D HWA during ACS checks N2 bottle prepress bank will not press. Talkbacks received
0955		Appears N2 hand valve not fully open. Opened and able to properly pressurize. No further anomaly. ACS checks complete. May proceed with V19 troubleshooting
1015		Continuing with V18 testing
1045		Complete thru Item 23, continuing with item 24 VE Leak & Functional Cks
1114		Vehicle LOX tank pressurized to 15 psig. Item 24 complete
1230		Proceeding with VE pressure switch checks. Pad status amber
1240		RIFCA turn on in work
1251		Personnel on station at Lvl 1 for T/S
1300		VE press switch checks complete. Pad status green
1317		RIFCA in align
1318		Item 27 VE gimbal joint leak chks in work
1330		Complete thru item 27
1410		Item 35-36 complete Start System Leak cks & LOX Tank Leak cks. Proceeding with securing
1708		Complete with T/S for tonight proceeding with securing. Per RE Epkg will not be removed tonight. Breakout boxes will remain connected.
1720		RIFCA secured, Vehicle power secured.
	1	ALCS secured

			Test Notes						
Test Procedure/Task:					.,		T	Test Date	/Time:
Rev: Issue	e :	DWP #:		WO #:			l	03/31/09	
Title: Site/Program: VAFB/Delta II	Loca	ation: Launch	Pad (SLC2)	Mission:			Effe	ctivity:	
Creator: Lemmon, Eric	1	Work Group:	Engineering Facilit	l ies	Shift: 1	Note Cre	ated:	: 03/31/09	1017
Phone: 805-606-6340 x	2238					Note Upo	dated	l:	
Title of Test: Facility E	ngine	er's Activity R					Section Control		
			Description of '	(est		· · · · · · · · · · · · · · · · · · ·			
purge is operative, but due to excessive leakage past the door gaskets on the ADOTS OCBs, sufficient GN2 pressure cannot be achieved in the purge manifold to reliably operate the purge pressure switch. That switch has a hysteresis approximately the same or slightly greater than the pressure range we can achieve with a less-than-gastight system. Due to time and manpower constraints, we will perform an end-to-end leak check of the purge system after launch. Meanwhile, the purge pressure switch inside OCB-2 will provide purge monitoring capability. In addition, routine checks of the MST GN2 panel confirms the GN2 pressure availability. BLOCKHOUSE RAISED FLOOR: TSG personnel relocated the archived strip chart records, and the steel shelving that contained them, to resolve an interference issue with the raised floor ramp and handrail installation. The raised floor installation is about 80% complete. A Statement of Work has been written to install individual power feeds to each new rack and to each cabinet of the DICES equipment. Although the power demands are modest, the existing power supply arrangement has voltage drops exceeding 10%; the NEC requires the end-to-end voltage drop to be less than 5%, from the service entrance to the utilization									
outlet. The new power CCN: Hours:		induton anan			enability t	mough ch	Cuit	uiversity.	
Γ=			Test Notes						
Test Procedure/Task: LP Rev:17 Issue		2 T1 DWP #:	123038	WO #:				Test Date 03/31/09	/Time:
Title: PAF Workstand I					rkstand			00/01/00	
Site/Program: VAFB/Delta II	Loca	ation: Payload Facility	Processing	Mission:	STSS_BL	OCK_201	Effe	ctivity:	
Creator: Kelman, Sam Phone: 805-606-6340 x	2229/6		Engineering Mecha	nical	Shift: 1	Note Created: 03/31/09 1831 Note Updated:			
Title of Test: PAF and	Works	tand Installat	ion						
Description of Test									
Completed installation Completed installation Completed weighing of flig	of th	e PAF, oriento	nt hardware.	uest.					
CCN: Hours:									

Attachments

Test Notes							
Test Procedure/Task: Rev: Issue: Title:	DWP #:	WO #:			Test Date/Time: 03/31/09 1530		
Site/Program: VAFB/Delta II	Location: Launch Pad (SLC	Mission:		E	ffectivity:		
Creator: Hillier, Ed Work Group: Tech Services Group Shift: 1 Note Created: 03/31/09 1844 Phone: 805-606-6340 x2209 Note Updated:							
Title of Test: SLC-2 TSG	FIRST SHIFT						
	Dos	cription of Test					
V158 T1/3 DAILY FACILITY CHECKS ——COMPLETE MAINTENANCE SUPPORT & 7I WORK ORDERS ——ACTIVE WITH MISC WORKORDERS ENVIRONMENTAL COMPLIANCE / CAL LAB / LPD PARTS PULL SUPPORT ——ACTIVE AND ON GOING A/C / PROOFLOAD / MACHINE SHOP SUPPORT ——ACTIVE WITH MISC A/C / MACHINE SHOP ITEMS, SEE CHAMBLESS TEST NOTES FOR PROOFLOAD AREA STSS ATRR: V42 T2 DAILY VEHICLE CHECKS ——COMPLETE V48 T1 AGE & VEHICLE TURN-ON/TURN-OFF ——COMPLETED TURN-ON, 2ND SHIFT WILL ROS V86 T5 S/C A/C SYSTEM CHECKOUT & LAUNCH SET-UP ——ACTIVE V91 T14 LN2 OFFLOAD (2 TANKERS) ——COMPLETED 1, 2ND SHIFT WILL ROS THE 2ND TANKER V18 T1 FIRST STAGE PROP QUALS ——ACTIVE, SEE ENG TEST NOTES VLCD DCI P3018 S/C PURGE INSTALLATION & SAMPLING ——ACTIVE SUPPORTING S/C PERSONNEL A/R V19 T3 2ND STAGE B-NUT TORQUE CHECKS ——COMPLETE LESS VERIFY SAFETY WIRE V132 T1 INSTALL PAF WORKSTAND / MATE TO WORKSTAND ——COMPLETE V23 T4 SOLID MOTOR FINALING & INSULATION ——ACTIVE V19 T5 DCI 5 TROUBLSHOOT 1ST STAGE E-PACKAGE ——ACTIVE, 2ND SHIFT WILL ROS FACILITIES: VACD DCI F7258 INSTALLATION OF CONDENSER FAN VFD ——ACTIVE VACD DCI F7260 MST DIVING BOARD INSERT MAINT & UPGRADE ——ACTIVE							
Test Procedure/Task: DCI Rev: Issue:	- Test Var-VLCD - PROPUL 1 DWP #: 141751	.SION DCI P3018 WO #:			Test Date/Time: 03/31/09		
10000	nstallation and Sampling	ΨΨ Ο π .			00/01/03		

		•			F. T. J. Phys. 1 (1997) 100 August 1994 (1997)		
Test Procedure/Task: DCI - Test Var-VLCD - PROPULSION DCI P3018 Test Date/Time:							
Rev: Issue:	03/31/09						
Title: Spacecraft Purge	Installation and Sampling						
Site/Program: VAFB/Delta II	Location: Launch Pad (SLC2)	Mission	1:	Effe	ectivity:		
Creator: Silveri, Joe	Work Group: Engineering Pro	pulsion	Shift: 1	Note Created	d: 03/31/09 1853		
Phone: 805-606-6340 x2	510			Note Update	d:		
Title of Test: Spacecraft	t Purge Installation and Sampling						
Description of Test							
Tube bank connected to facility purge line.							
Flex hose installed at FUT level 15.							
System purged and sampled.							
CCN:							
Hours:							
	Attachme	ents					

Test Procedure/Task: LPD-V018 T1 Rev: 38			Test Notes					
VAFB/Delta II Creator: Shabram, Steve Phone: 805-606-6340 x2268/6 Title of Test: LPD V18 TASK 1 (DAY 2) Description of Test COMPLETED ITEMS 10 THRU 29 and ITEMS 35 thru 38 RESULTS: V.E. PROP VALVE INTERNAL LEAKAGE = 0 SCCM V.E. LOX BLEED VALVE LEAKAGE: V.E. # 1 = 0 SCCM V.E. # 2 = 3.62 SCCM V.E. PRESSURE SWITCH FUNCTIONAL CHECKS: V.E. # 1 SWITCH DROPOUTS: 195 AND 192 PSIG V.E. # 1 SWITCH DROPOUTS: 195 AND 198 PSIG V.E. # 2 SWITCH DROPOUTS: 198 AND 198 PSIG V.E. # 2 SWITCH PICKUPS: 242 AND 242 PSIG V.E. # 1 = 25 SCCM V.E. # 1 = 25 SCCM V.E. # 1 = 25 SCCM V.E. # 2 = 60 SCCM G.G POPPET LEAK CHECK = 0 SCCM	Rev: 38 Issue:	1 DWP #: 124		WO #:			1	
Phone: 805-606-6340 x2268/6 Title of Test: LPD V18 TASK 1 (DAY 2) Description of Test COMPLETED ITEMS 10 THRU 29 and ITEMS 35 thru 38 RESULTS: V.E PROP VALVE INTERNAL LEAKAGE = 0 SCCM V.E. LOX BLEED VALVE LEAKAGE: V.E. # 1 = 0 SCCM V.E. # 2 = 3.62 SCCM V.E. # 2 = 3.62 SCCM V.E. PRESSURE SWITCH FUNCTIONAL CHECKS: V.E. # 1 SWITCH DROPOUTS: 195 AND 192 PSIG V.E. # 1 SWITCH PICKUPS: 240 AND 240 PSIG V.E. # 2 SWITCH PICKUPS: 242 AND 242 PSIG V.E. # 2 SWITCH PICKUPS: 242 AND 242 PSIG V.E. # 3 SWITCH PICKUPS: 242 AND 242 PSIG V.E. # 1 = 25 SCCM V.E. # 1 = 25 SCCM V.E. # 2 = 60 SCCM G.G POPPET LEAK CHECK = 0 SCCM		Location: Launch Pac	(SLC2)	Mission:		BLOCK_201	Effectivity:	
Description of Test COMPLETED ITEMS 10 THRU 29 and ITEMS 35 thru 38 RESULTS: V.E PROP VALVE INTERNAL LEAKAGE = 0 SCCM V.E. LOX BLEED VALVE LEAKAGE: V.E. # 1 = 0 SCCM V.E. # 2 = 3.62 SCCM V.E. EXTERNAL LEAK CHECKS = 0 SCCM V.E. PRESSURE SWITCH FUNCTIONAL CHECKS: V.E. # 1 SWITCH DROPOUTS: 195 AND 192 PSIG V.E. # 1 SWITCH PICKUPS: 240 AND 240 PSIG V.E. # 2 SWITCH DROPOUTS: 198 AND 198 PSIG V.E. # 2 SWITCH PICKUPS: 242 AND 242 PSIG V.E. # 2 SWITCH PICKUPS: 242 AND 242 PSIG V.E. # 3 SCCM V.E. # 1 = 25 SCCM V.E. # 2 = 60 SCCM G.G POPPET LEAK CHECK = 0 SCCM			gineering Propuls	sion	Shift: 1	1		9 1905
COMPLETED ITEMS 10 THRU 29 and ITEMS 35 thru 38 RESULTS: V.E PROP VALVE INTERNAL LEAKAGE = 0 SCCM V.E. LOX BLEED VALVE LEAKAGE: V.E. # 1 = 0 SCCM V.E. # 2 = 3.62 SCCM V.E. EXTERNAL LEAK CHECKS = 0 SCCM V.E. PRESSURE SWITCH FUNCTIONAL CHECKS: V.E. # 1 SWITCH DROPOUTS: 195 AND 192 PSIG V.E. # 1 SWITCH DROPOUTS: 198 AND 240 PSIG V.E. # 2 SWITCH DROPOUTS: 198 AND 198 PSIG V.E. # 2 SWITCH PICKUPS: 242 AND 242 PSIG V.E. # 2 SWITCH PICKUPS: 242 AND 242 PSIG V.E. # 3 SCCM V.E. # 2 = 60 SCCM G.G POPPET LEAK CHECK = 0 SCCM	Title of Test: LPD V18 T	ASK 1 (DAY 2)						
RESULTS: V.E PROP VALVE INTERNAL LEAKAGE = 0 SCCM V.E. LOX BLEED VALVE LEAKAGE: V.E. # 1 = 0 SCCM V.E. # 2 = 3.62 SCCM V.E EXTERNAL LEAK CHECKS = 0 SCCM V.E. PRESSURE SWITCH FUNCTIONAL CHECKS: V.E. # 1 SWITCH DROPOUTS: 195 AND 192 PSIG V.E. # 1 SWITCH PICKUPS: 240 AND 240 PSIG V.E. # 2 SWITCH DROPOUTS: 198 AND 198 PSIG V.E. # 2 SWITCH PICKUPS: 242 AND 242 PSIG V.E. # 2 SWITCH PICKUPS: 242 AND 242 PSIG V.E. # 1 = 25 SCCM V.E. # 1 = 25 SCCM V.E. # 2 = 60 SCCM G.G POPPET LEAK CHECK = 0 SCCM			Description of Te	est				
START SYSTEM LEAK CHECKS - NO LEAKS LOX TANK LEAK CHECKS ENGINE SECTION - NO LEAKS PSD PURGE SYSTEM LEAK CHECKS - NO LEAKS FUEL TANK LEAK CHECKS - ENGINE SECTION - NO LEAKS HARDWARE ANOMALIES: DCI #2: COULD NOT PRESSURIZE BOOSTER N2 BOTTLE USING 1ST STAGE HNPC. GN2 SUPPLY	RESULTS: V.E PROP VALVE INTE V.E. LOX BLEED VALVE V.E. # 1 = 0 SCCM V.E. # 2 = 3.62 SCCM V.E. PRESSURE SWITCH V.E. # 1 SWITCH DROP V.E. # 1 SWITCH PICKU V.E. # 2 SWITCH PICKU V.E. # 2 SWITCH PICKU V.E. # 3 SCCM V.E. # 1 = 25 SCCM V.E. # 1 = 25 SCCM V.E. # 1 = 25 SCCM V.E. # 2 = 60 SCCM G.G POPPET LEAK CHE START SYSTEM LEAK LOX TANK LEAK CHEC PSD PURGE SYSTEM L FUEL TANK LEAK CHECH HARDWARE ANOMALIE	RNAL LEAKAGE = 0 SE LEAKAGE: CHECKS = 0 SCCM CH FUNCTIONAL CHEOUTS: 195 AND 192 F SIPS: 240 AND 240 PSIPOUTS: 198 AND 198 F SIPS: 242 AND 242 PSIPOUTS: 48 CHECKS: ECK = 0 SCCM CHECKS - NO LEAKS CKS ENGINE SECTION LEAK CHECKS - NO L CKS - ENGINE SECTION CKS - ENGINE SECTION	CKS: SIG SIG SIG I - NO LEAKS EAKS ON - NO LEAKS					

DCI #3: AUDIBLE GN2 LEAKAGE AT LOX DUCT PURGE FITTING. LEAKAGE CORRECTED. DCI CLOSED

ESTABLISHED BY OPENING NH-208 SUPPLY VALVE. DCI CLOSED

Test Procedure/Task: DCI	- Hawe Anom-V019 T1 R:79 I:1 DCI	005	Test Date/Time:
Rev: 79 Issue	: 1 DWP #: 141773	WO #:	03/31/09 1200
Title: Red alarm on hyd	raulic return pressure along / unexp	ected pitch up motior	on the 1stg main engine
Site/Program: VAFB/Delta II	Location: Launch Pad (SLC2)	Mission: STSS_BL 0	OCK_201 Effectivity:
Creator: Galindo-Jr, Ped	Work Group: Engineering Elec	ctrical Shift: 1	Note Created: 03/31/09 2033
Phone: 805-606-6340 x6	239/2		Note Updated: 03/31/09 2043
Title of Test: HWA DCI	005 - First Stage Epackage troublest	nooting	
	Description (of Test	
	roubleshooting steps per DAN A31-7 Design center requested that the tes n place.		
Great Job by the crew.			
CCN: Hours:			
	Altechme	nle	

		Test Notes					
Test Procedure/Task: Rev: Issue Title:	: DWP #:		WO #:			Test Date/Time: 04/01/09	
Site/Program: VAFB/Delta II	Location: Launch Pac	d (SLC2)	Mission:	STSS_BL0	OCK_201	Effectivity:	
Creator: Hanaway, Frank Phone: 805-606-6340 x2307 Work Group: Tech Services Group Shift: 2 Note Created: 04/01/09 0047 Note Updated:							
Title of Test: SLC-2 TSC	SECOND SHIFT						
		Description of Te	est				
DELTA SHOPS & LABS	(:						
END OF SHIFT FACILIT	Y CHECKS COMPL	ETE					
MAINTENANCE SUPPO	RT & 7i WORK ORDE	RS ACTIVE					
STSS ATRR							
V19 TASK 3 : B-NUT TORQUE CHEAKS SECOND STAGE. TASK IS COMPLETE.							
V19 TASK 1: T/S RED ALARM ON HYDRAULIC RETURN PRESSURE (DCI 005) ROS TROUBLESHOOTING / TESTING FIRST STAGE E-PACKAGE UNTIL 5:30 pm. TASK IS NOT COMPLETE AND WILL CONTINUE WEDNESDAY. SECURED AREA AND PUT UP CAUTION SIGNS TO NOT DISTURB TEST SETUP. SEE ENGINEERING TEST NOTES FOR DETAILS (GALINDO / McCARTY).							
1D88964-503 : REMOVE FIRST STAGE E-PACKAGE TASK WAS NOT WORKED (SEE V19 T1 DCI 005).							
DCI M2042 : RE-SAFETY WIRE SOLID MOTOR # 6 ETA INTERFACE (VLCD) TASK IS COMPLETE.							
V91 TASK 14 : LN2 TANKER OFFLOAD TASK IS COMPLETE (TAYLOR).							
V23 TASK 4: SOLID MOTOR FINALING AND INSULATING COMPLETED INSULATION ON THE METAL AFT THRUSTER COVERS (BATHTUBS). CLEANED UP AND ADDED DRAIN HOLE TO FWD THRUSTER COVER ASSEMBLIES.							
V25 TASK 1 SOLID MO	FOR FAIRING INSTALI	LATION AFT AC	CTIVE				
Frank Hanaway and La	rry Taylor						
CCN: Hours:	·y ruyioi			······································			
		Attachments					

Test Procedure/Task: DPA Rev: F Issue: Title: Second Stage VSV	2 DWP #:		WO#: 1	25163		Test Date/Time: 03/31/09 0700
Site/Program: Decatur/Delta II	Location: Delta II Sec Checkout	_	Mission:	WorldVie	w-2	Effectivity: 20238
Creator: Schoknecht, Dur Phone: 256-432-1885	stin Work Group: E	ngineering		Shift: 1	Note Cre Note Upo	eated: 03/31/09 1315 dated:
Title of Test: Second St	age VSWR					AND ADDRESS OF THE COME ADDRESS OF THE COME AND ADDRES
		Description o	Test			a de la companya del companya de la companya del companya de la co
Test completed today working and we had to	with no vehicle anom borrow the one from	alies. Our netw the wire shop,	ork analyz but otherw	er was reti vise everyt	urned from hing went	metrology not fine.
CCN: Hours:						
		Attachme	168		, w	
The state of the s						